



\$100

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Km 807

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 2005 APR -1 PM 12: 48

In re application of

Docket No: Q86578

Young-Ho MOON, et al.

Group Art Unit: Unknown

Appln. No.: 10/526,158

Examiner: Unknown

Confirmation No.: Unknown

Filed: March 1, 2005

For: METHOD FOR THE PREPARATION OF HIGHLY PURE 1-ANDROSTENE DERIVATIVES

REQUEST FOR REFUND

MAIL STOP 16

Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby respectfully request a refund in the amount of \$100.00. This refund is to be credited to Deposit Account No. 19-4880.

Applicants believe that revised 37 C.F.R. § 1.492 allows reduced search and examination fees for applications in which the national fee was not filed before December 8, 2004. The above-referenced application was filed on March 1, 2005, with a copy of the International Search Report. (A copy of the copy of transmittal letter and PTO stamped Serial Number Card is attached.) Therefore, Applicants believe they are entitled to the reduced fee. A duplicate copy of this paper is attached.

Respectfully submitted,

John T. Callahan

John T. Callahan
Registration No. 037692005

Adjustment date: 05/25/2005 RWHITE1
037692005 SNAJARRO 00000154 10526158
02 FC:1632 -500.00 OP

Reps: 10/5/2005 RWHITE1 0012130600
DAN: 194880 Name/Number: 10526158
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23373

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Date: March 29, 2005

05/25/2005 RWHITE1 00000004 10526158

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1/3



DT07 Rec'd PCT/PTO 0 1 MAR 2005

REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Inventor(s): Young-Ho MOON, Dong-Jun KIM, Chul-Hyun PARK,
Kyung-Ik LEE, Jae-Cheol LEE, Gwan-Sun LEE, Young-Kil CHANG

Title: METHOD FOR THE PREPARATION OF HIGHLY PURE 1-
ANDROSTENE DERIVATIVES

Atty Doc. #: Q86578 Client: FIRST LAW OFFICES OF KOREA

Filing Date: March 1, 2005 # Pgs. Spec/Abst: 17/1* #Claims: 6 #'d
*1st page of WO 2005/007670

Dwg. Sheets: 0 Decl yes Prelim Amdt no

PTO/SB/08 A & B/ISR: yes Asgmt/PTO-1595: yes
Fees: \$1360.00 + \$40.00

☒ Checks Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: JTC/ecb

SERIAL NO. **10/526158** CONF NO.:

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March 1, 2005

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F 03.5220.0222

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MAIL STOP PCT
Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/KR2004/001786
-filed July 19, 2004

Re: Application of Young Ho MOON, Dong Jun KIM, Chul Hyun PARK, Kyung Ik LEE, Jae Cheol LEE, Gwan-Sun LEE, and Young Kil CHANG
METHOD FOR THE PREPARATION OF HIGHLY PURE 1-ANDROSTENE DERIVATIVES
Assignee: HANMI PHARM. CO., LTD.
Our Ref: Q86578

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. § 371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application. Also enclosed is the first page of WO 2005/007670 A1. The Abstract that appears on the cover page of the pamphlet published by the International Bureau of WIPO is to be used by the USPTO. See MPEP § 1893.03(e).
- ☐ 0 sheet(s) of drawings.
- ☐ an English translation of Article 19 claim amendments.
- ☐ an English translation of Article 34 amendments (annexes to the IPER).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR/IPER references. Also enclosed is a copy of the International Search Report.
- ☐ a copy of each reference cited in the ISR/IPER.
- ☐ a Preliminary Amendment.
- ☒ It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

Repin. Ref: 05/25/2005 RWRITE1 0012130600
DAH:194880 Name/Number:10526158
FC: 9204 \$100.00 CR

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SUGHRUE MION, PLLC

Commissioner for Patents

March 1, 2005

Page 2

It is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

The Government filing fee is calculated as follows:

Total claims	<u>7</u> - 20 = _____	X \$50.00 = _____	\$0.00
Independent claims	<u>1</u> - 3 = _____	X \$200.00 = _____	\$0.00
Base Fee			\$300.00
Search Fee			\$500.00
Examination Fee			\$200.00
Multiple Dependent Claim Fee			\$360.00
			<u>\$1360.00</u>
TOTAL FILING FEE			<u>\$ 40.00</u>
Recordation of Assignment			<u>\$1400.00</u>
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Checks for the statutory filing fee of \$1360.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Country

Republic of Korea

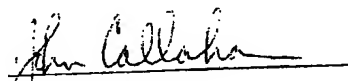
Application No

10-2003-0049529

Filing Date

July 19, 2003

Respectfully submitted,


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INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/001786

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07J 43/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C07J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patent and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Chemical Abstract, CAS ON LINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0473225 B1 (Merck & Co., Inc.) 09. July 1997 Cited in the application See the entire document, especially example 2	1 - 6
A	EP 0428,366 A (Merck & Co., Inc.) 22 May 1991 Cited in the application. See claims	1 - 6
A	US 5,091,534 A (Merck & Co., Inc.) 26 May 1992 Cited in the application See example 7	1 - 6
A	KR 9615038 B1 (Merck & Co., Inc.) 24 Oct 1996 Cited in the application	1 - 6
A	KR 9001206 B1 (Merck & Co., Inc.) 28 Feb 1990	1 - 6

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

09 NOVEMBER 2004 (09.11.2004)

Date of mailing of the international search report

10 NOVEMBER 2004 (10.11.2004)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Authorized officer

CHO, Myung Sun

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001786

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP0473225A2	04.03.1992	CA2049882A1	28.02.1992
		DE69126748D1	14.08.1997
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